

Title (en)  
Flow splitter for a fan engine

Title (de)  
Strömungsteiler für ein Fantriebwerk

Title (fr)  
Diviseur de flux pour un turboréacteur à double flux

Publication  
**EP 2194233 B1 20170830 (DE)**

Application  
**EP 09177577 A 20091201**

Priority  
DE 102008060489 A 20081205

Abstract (en)  
[origin: EP2194233A2] The flow divider (1) has an annular leading edge (4) that is formed at an outer extent of an annular core air channel (2) and at an inner extent of an annular auxiliary air channel (3) at the same time. Separating units (6) are provided, which are applied in each arrangement by vane channels of the core air channel and the auxiliary air channel. An independent claim is also included for a method for increasing the working reliability of a fan engine by a flow divider.

IPC 8 full level  
**F01D 9/04** (2006.01); **F01D 21/04** (2006.01); **F02C 7/04** (2006.01); **F02K 3/06** (2006.01)

CPC (source: EP US)  
**F01D 9/04** (2013.01 - EP US); **F01D 21/045** (2013.01 - EP US); **F02C 7/04** (2013.01 - EP US); **F02K 3/06** (2013.01 - EP US); **F05D 2240/12** (2013.01 - EP US); **F05D 2270/09** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Cited by  
FR3060650A1; US10676203B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2194233 A2 20100609; EP 2194233 A3 20120801; EP 2194233 B1 20170830**; DE 102008060489 A1 20100610;  
US 2010139241 A1 20100610; US 8438828 B2 20130514

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**EP 09177577 A 20091201**; DE 102008060489 A 20081205; US 63152109 A 20091204